50301-further fesedich Required 7/26/97

DOTENTIAL HAZAL	DOUG WASTE SITE I. IDENTIFICATION		
Q CDA PRELIMINARY	POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT		
IL SITE NAME AND LOCATION			
01 SITE NAME (Legal, common, or descriptive name of site)	TO2 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER		
Rexnord Inc., Rockford Products P1+#3	707 HARRISON Avenue		
Rockford	1L 9197 Winnebago 201 16		
19 COORDINATES LATITUDE LONGITUDE 12 14 05.0 089 0500.	RECEIVED		
10 DIRECTIONS TO SITE (Starting from nearest public road)	U) P @ P 0 P 1		
	MAY 2 0 1988		
	MMI 2 0 1300		
III. RESPONSIBLE PARTIES	Dro D		
01 OWNER (If known)	02 STREET (Business, maling, residential)		
Rexnord	350 N. Sunny Gitope		
Brookfield	Wi 53005 H14797-6900		
Rockford Products	707 HARRISON AVENUE		
Ruckford	16 STATE 11 ZIP CODE 8 12 TELEPHONE NUMBER 8/51 397-6000		
13 TYPE OF OWNERSHIP (Check one)			
A. PRIVATE B. FEDERAL: (Agency name)	C. STATE D. COUNTY DE. MUNICIPAL		
☐ F. OTHER:(Specify)	G. UNKNOWN		
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)			
☐ A. RCRA 3001 DATE RECEIVED: ☐ B. UNCONTROL	LED WASTE SITE (CERCLA 103 C) DATE RECEIVED: MONTH DAY YEAR TO NONE		
IV. CHARACTERIZATION OF POTENTIAL HAZARD			
01 ON SITE INSPECTION BY (Check all that apply)	A CONTRACTOR S.C. STATE D. OTHER CONTRACTOR		
NO DATE MONTH DAY YEAR DE LOCAL HEALTH OFF			
CONTRACTOR NAME(S):	(Specify)		
02 SITE STATUS (Check one) 03 YEARS OF OPER			
	1974   Present   UNKNOWN		

Inorganics.
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Groundwater (population, Environment)

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Solvents (Persistant, Toxic) Organics (SoluBle)

Surface Water (Environment)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 · Waste information and Part 3 · Description of Hazardous Conditions and Incidents)

A. HIGH

Inspection required promptly)

B. MEDIUM

(Inspection required promptly)

(Inspection required)

(Inspection required)

(Inspection required)

IEPA

RPMS

VI. INFORMATION AVAILABLE FROM

Of CONTACT

Larry Hammond

Of Person Responsible for Assessment

Of Agency Topanization

Of Agency Topanization

Of Agency Topanization

Of Telepho

07 TELEPHONE NUMBER (787) 782-1803

03 TELEPHONE NUMBER 18151397-6000

08 DATE

MONTH DAY YEAR

JOHN W. MORGAN
EPAFORM 2070-12 (7-81)

EPA Region 5 Records Ctr.



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# POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

	TATES, QUANTITIES, AI TATES (Check all that apply).	02 WASTE QUANTI	TY AT SITE		TERISTICS (Check all that a	oply) to the	
A SOLID F. SLURRY B. POWDER FINES F. PIQUID TONS C. BLUDGE G. GAS CUBIC YARDS		A TOXIC  B CORROSIVE C RADIOACTIVE D ERSISTENT		OSIVE FINFEC	E SOLUBLE I HIGHLY VOLATILE F INFECTIOUS J EXPLOSIVE G FLAMMABLE K REACTIVE H IGNITABLE L INCOMPATIBLE		
. D OTHER	(Specify)	NO OF DRUMS		· · · · · · · · · · · · · · · · · · ·		M NOTA	PPLICABLE
III. WASTE T	YPE						···········
CATEGORY	SUBSTANCE !	NAME	01 GROSS AMOUNT	02 UNIT OF MEASUR	E 03 COMMENTS		,
SLU	SLUDGE		UNKNOWN	Unknown			
OFM	OILY WASTE						
SOL	SOLVENTS		UNKNOWN	UNKNOWN			
PSD	PESTICIDES						
occ	OTHER ORGANIC C	HEMICALS	UNKNOWN	UNKNOWN			
IOC	INORGANIC CHEMIC	CALS	4 NKNOWN	Unknown	]		
ACD	ACIDS						
BAS	BASES		100				_ ^
MES	HEAVY METALS				SOIL SAC	nple (CADMI	um
IV. HAZARD	OUS SUBSTANCES (S	Appendia foi most frequent	ly ciled CAS Numbers)				
01 CATEGORY	02 SUBSTANCE	YAME	03 CAS NUMBER		SPOSAL METHOD	05 CONCENTRATION	06 MEAS CONCEN
SLU	CYANIDE SL	uda e	57125	Landfill	on-site	UNKNOWN	/ 15
SOL	1,1,1-trichloro	ethane	71556	Seepac	e pit	199	DPF
SOL	1,1-dichloroe	thane	107062	1		59	PPE
SOL	1,1 - dichloroe					38	1000
SOL	trichloroethy	lene.	79016			452	bo
SOL	tri-1,2-dichlo	roethene		ـكــ	_		, ,
OCC	waste OIL			Landfill	+ seepage lit	UNKNOWN	
Mes	SOIL SAMPLE	CADMIUM)	*			26.2	ppr
							1. 1.
							<u> </u>
				·.			
							1
	*				en de la companya de La companya de la co		1.
V. FEEDSTO	CKS (See Appendix for CAS Num.	De/SJ	<u> </u>	<u> </u>			-#:i
CATEGORY	<del></del>		02 CAS NUMBER	CATEGORY	O1 FEEDST	DCK NAME	02 CAS N
FDS			† · · · · · · · · · · · · · · · · · · ·	FDS			
FDS	1 Nationi	16.443	<del>                                     </del>	* FDS	<u> </u>		-
FDS	<del>- H IN KIU</del>	<del>)(U (-)</del> -	<del> </del>	· FDS			<u> </u>
FDS	1011		<del> </del>	FDS			<del></del>
}	S OF INFORMATION ICH	s specific relevences a n	Slate (des. sample analysis		1 4		
VI. SOUNCE	Municiple 1 DLPC, Gooundu DWPC - (Secti	1 - 4 - 1	(C.+ T	TT ) 200 €	1.		<del></del>
I ILL INDIS	s Municiple 1	Jireciory-	1 Jection III,	11 / Pag			

## **POTENTIAL HAZARDOUS WASTE SITE**

I. IDENTIFICATION 01 STATE 02 SITE NUMBER ILD 005212097

PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

II. HAZARDOUS CONDITIONS AND INCIDENTS			
O1 MA GROUNDWATER CONTAMINATION	02 OBSERVED (DATE 12/10/85)	POTENTIAL	ALLEGED
01 A GROUNDWATER CONTAMINATION 150,000	OA NADDATIVE DESCRIPTION	•	
A groundwater monitoring prograture only five on a re-occurring chloroethane, 1,1-dichloroethane, The most significant Level detections	am at K.P.3 detected ele	even organ	ic volatiles,
but only five on a re-occurring	basis. These include, 1, 1, -1	richlordeth	nane, lili-di-
-chloroethane, 1,1-dichloroethane,	trichloroethylene, and tri	1, 2, - aich 10	roethane.
	ted was 452 ppb of trich		e.
01 XB. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED.	02 TOBSERVED (DATE:)	<b>XPOTENTIAL</b>	ALLEGED
R.P.3 15 located about mile ea	st of the Rock River ir	· Rockfor	d. The
Inatural aroundwater + law in +1	ae vicinity is westward	1 toursect	+60
Rock River. THerefore, any conte	aminated groundwater d	ischargine	j into
Rock River. Therefore, any conte the River could have on adverse 01xc contamination of AIR	e affect on surface water	r Quality	<u></u>
TOTAL POPULATION POTENTIALLY AFFECTED.	DA NARRATIVE DESCRIPTION		
On November 1/ 1984 Rockfor	d Pind PI+#3 received	a letter.	from
TEPA status that the were	emitting 200 tons of	1, 1, 1, - Tricl	hloroethane
On November 16, 1984, Rockfor IEPA stating that they were into the air, 10 times the p	resonatted land	917	The design of the same
The same of the p	EVITATION LEVEL.		
01 [] D. FIRE/EXPLOSIVE CONDITIONS	02 OBSERVED (DATE:)	POTENTIAL	□ ALLEGED
03 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION		
unknown			
	•		
01 🗆 E. DIRECT CONTACT	02 C OBSERVED (DATE:)	☐ POTENTIAL	ALLEGED
03 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION		
unknown		,	
	,		
01 X F. CONTAMINATION OF SOIL	02 OBSERVED (DATE 1/10/84) 04 NARRATIVE DESCRIPTION	POTENTIAL	ALLEGED
ON 1/10/84 IEPA personnel Coll of a roll off Box which was u	04 NARRATIVE DESCRIPTION	around the	440
ON 1/10/04 LEPA personnel Lon	red to collect allow	raiound ir	ie berime iei
13. W TOTI OF DOX WHICH WAS V	ised to correct studges p	MIDE IS GI	5 posa).
SIOI yeilded 6.3 ppm cyanide o	and 26.2 ppm cadmium.	14101 18 GI	s posa).
SIOI yeilded 6.3 ppm cyanide o	and 26.2 ppm cadmium.	, <u>, , ,</u>	
01 XG DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	oz () OBSERVED (DATE)  O4 NARRATIVE DESCRIPTION	. POTENTIAL	<b>X</b> ALLEGED
ot & Drinking water contamination of Population potentially affected Rockford relies on avoing durate	or 1) observed idate	DOTENTIAL	XALLEGED The
ot De orinking water contamination of Population potentially affected Rockford relies on avoing durate	or 1) observed idate	DOTENTIAL	XALLEGED The
ot De orinking water contamination of Population potentially affected Rockford relies on avoing durate	or 1) observed idate	DOTENTIAL	XALLEGED The
oixa drinking water contamination oixa drinking water contamination os population potentially affected Rockford relies on groundwater primary source of public drinkin reported contaminants simula	oz 11 OBSERVED (DATE)  O4 NARRATIVE DESCRIPTION  r from the underlying ag g water. Six public well in to those reported at R	potential ruifers as Is in the	XALLEGED the vicinity
ot & Drinking water contamination of Population potentially affected Rockford relies on avoing durate	or 1) observed idate	DOTENTIAL	XALLEGED The
oils deninking water contamination oils deninking water contamination oils deninking water contamination oils deninking water contamination reported relies on groundwater primary source of public drinking reported contaminants simula oil H. Worker exposure/injury oils workers potentially affected:	oz 1) OBSERVED (DATE)  of NARRATIVE DESCRIPTION  of From the underlying ac g water. Six public well in to those reported at R	potential ruifers as Is in the	XALLEGED the vicinity
oixa DRINKING WATER CONTAMINATION  01 XG DRINKING WATER CONTAMINATION  03 POPULATION POTENTIALLY AFFECTED  Rockford relies on groundwater  primary source of public drinking  reported contaminants simula	oz 1) OBSERVED (DATE)  of NARRATIVE DESCRIPTION  of From the underlying ac g water. Six public well in to those reported at R	potential ruifers as Is in the	XALLEGED the vicinity
oils deninking water contamination oils deninking water contamination oils deninking water contamination oils deninking water contamination reported relies on groundwater primary source of public drinking reported contaminants simula oil H. Worker exposure/injury oils workers potentially affected:	oz 1) OBSERVED (DATE)  of NARRATIVE DESCRIPTION  of From the underlying ac g water. Six public well in to those reported at R	potential ruifers as Is in the	XALLEGED the vicinity
other principles of public drinking reported contamination  or population potentially affected  Rockford relies on groundwater  primary source of public drinking  reported contaminants simula  of the worker exposure/injury  or workers potentially affected:  unknown	oz [] OBSERVED (DATE)  of NARRATIVE DESCRIPTION  of From the underlying ag  g water. Six public well  n to those reported at R  of NARRATIVE DESCRIPTION	potential ruifers as Is in the 1.P.3	XALLEGED  The VICINITY  C. ALLEGED
oils deninking water contamination oils deninking water contamination oils deninking water contamination oils deninking water contamination reported relies on groundwater primary source of public drinking reported contaminants simula oil H. Worker exposure/injury oils workers potentially affected:	oz 1) OBSERVED (DATE)  of NARRATIVE DESCRIPTION  of From the underlying ac g water. Six public well in to those reported at R	potential ruifers as Is in the	XALLEGED the vicinity
of Discountion exposure/injury	oz () OBSERVED (DATE)  of NARRATIVE DESCRIPTION  of From the underlying acg mater. Six public well in to those reported at R  of NARRATIVE DESCRIPTION	potential ruifers as Is in the 1.P.3	XALLEGED  The VICINITY  C. ALLEGED
OIXG DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED  Rockford relies on groundwater primary source of public drinkin reported contaminants simula  01 11 H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED:  Un Known  01 11 POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED	oz () OBSERVED (DATE)  of NARRATIVE DESCRIPTION  of From the underlying acg mater. Six public well in to those reported at R  of NARRATIVE DESCRIPTION	potential ruifers as Is in the 1.P.3	XALLEGED  The VICINITY  C. ALLEGED
OIXG DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED  Rockford relies on groundwater primary source of public drinkin reported contaminants simula  01 11 H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED:  Un Known  01 11 POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED	oz () OBSERVED (DATE)  of NARRATIVE DESCRIPTION  of From the underlying acg mater. Six public well in to those reported at R  of NARRATIVE DESCRIPTION	potential ruifers as Is in the 1.P.3	XALLEGED  The VICINITY  C. ALLEGED
of Discountion exposure/injury	oz () OBSERVED (DATE)  of NARRATIVE DESCRIPTION  of From the underlying acg mater. Six public well in to those reported at R  of NARRATIVE DESCRIPTION	potential ruifers as Is in the 1.P.3	XALLEGED  The VICINITY  C. ALLEGED

O FDA	OTENTIAL HAZARDOUS WASTE SITE		TIFICATION
PART 3 - DESCRI	PRELIMINARY ASSESSMENT IPTION OF HAZARDOUS CONDITIONS AND INCIDEN	TIN	02 SITE NUMBER 005212097
IL HAZARDOUS CONDITIONS AND INCIDENT	TS (Continued)		<del></del>
01 D J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 CJ OBSERVED (DATE:)	D POTENTIA	L ALLEGED
unknown			
01   K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (Include name(s) of species	02 □ OBSERVED (DATE:)	□ POTENTIA	L ALLEGED
unknown			
01 () L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 🗆 OBSERVED (DATE:)	D POTENTIA	L 🗆 ALLEGED
UNKNOWN			
01 () M UNSTABLE CONTAINMENT OF WASTES	02   OBSERVED (DATE:)	□ POTENTIA	L 🗆 ALLEGED
(Soits runoff standing liquids liquiding drums) 03 POPULATION POTENTIALLY AFFECTED.			
unknown	•		
01 ( N. DAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION	02 Li OBSERVED (DATE:)	[] POTENTIA	L ALLEGED
unknown	·		
01 C O. CONTAMINATION OF SEWERS, STORM 04 NARRATIVE DESCRIPTION	DRAINS, WWTPs 02 - OBSERVED (DATE:)	D POTENTIA	L ALLEGED
UNKNOWN .			
OT LLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	02 SCOBSERVED (DATE: 2/5/86)		L ALLEGED
On February 5,1986, was spilled on site. It	approximately 50 to 100 gallor reportedly drained into the see	rs of 1,1, epagepit	1-Trichlomethan and a ditch.
×05 DESCRIPTION OF ANY OTHER KNOWN POTE	ENTIAL OR ALLEGED HAZARDS		
K.P.3 has an abandone a cyanibe shae from	ed landfill on-site which reported 1970-1975, and a seepage pi	ortedly t whie	accepted h contained
organic contamination. (70	DP.Ab - 213 ppb V.O.C's)		
HI. TOTAL POPULATION POTENTIALLY AFF	ECTED:		
IV. COMMENTS	NA :		1
On April 1,1988, an to inspect site security update site conditions	off-site reconnaissance insperse, a BC essibility, the surrounding and operational status. (see E	ection w g habita xecutive	as conducted tand to Summary)
V. SOURCES OF INFORMATION (Cite apacific rate	erences, e. g., state files, sample enalysis, reports)		
Groundwater Monitoring Repo U.S.G.S. Topographic map - S IEPA/DLPC + DAPC Files - Sec IEPA/DL	ort(IEPA/DLPC) by Rapps + Associates ection II, part B, tion II, part C, F, P	Section	II, part A, B, G

LPC #2010300031 -- Winnebago County Rexnord, Inc., Rockford Products Plant No. 3 ILD005212097

April 27, 1988

## **EXECUTIVE SUMMARY**

Rexnord, Inc., Rockford Products Plant No. 3 (R.P. 3), which has been in operation since 1954, is a manufacturer of metal fasteners. R.P. 3 is located about one mile east of the Rock River in a heavily industrialized southeast part of Rockford at 707 Harrison Avenue. R.P. 3 applied for their Part A on November 13, 1980 and has currently submitted their closure plan (191) to the IEPA.

The manufacturing process at R.P. 3 generates the following listed hazardous wastes: F001, F002, F007, F008, F009, F010, F011, F012, F017, F018, D001, D002, D003, D007, P029, P030, P055, P074, P106, P121, U122, U220, and U228. In addition, this facility operates the following RCRA units: S01 (two drum storage areas), S02 (tank storage), and T03 (hazardous waste incinerator).

Additional waste management activity at R.P. 3 includes a non-hazardous waste incinerator, a wastewater treatment unit (No. 1980-EE-2496), waste oil storage in containers and underground tanks, an on-site abandoned landfill, and a seepage pit (No. 1984-EO-0221) permitted to receive non-contact cooling water and storm water runoff from building roofs, parking lots, and adjacent residential property.

The abandoned landfill is located on the southern portion of R.P. 3 property just adjacent to the seepage pit. The landfill dimensions are approximately 100' in length by 35' wide, with a depth ranging from 11' to 12'. The landfill was active from 1968-1978. It accepted machinery parts, approximately 2695 cu. ft. of wheelabrator grit and incinerator baghouse dust, and approximately 313,600 gallons of soluble oil. In addition to this waste, Larry Hammond, a representative for R.P. 3, on November 21, 1983, mentioned to IEPA personnel that a small amount of hazardous waste may have been disposed of in error at this site prior to RCRA regulations. On July 13, 1987, an employee of R.P. 3 visited the Rockford Regional IEPA Office to report that from 1970-1975 he was personally involved in a routine dumping of a cyanide sludge which was buried on-site. R.P. 3 claims that during 1978, a clean-up of all obtainable drums was undertaken and removed from the site.

The seepage pit is permitted by the Division of Water Pollution Control/IEPA and authorizes R.P. 3 to discharge approximately 36,000 gpd of non-contact cooling water from their metal finishing operation and storm water runoff from building roofs, parking lots and adjacent residential property into the pit. The main body of the seepage pit

• , 

consumes a surface area of approximately one acre and a maximum depth of 11', and is designed to discharge into the underlying soil (sand Although the permit only allows the discharge of nonhazardous wastewater into the pit, on November 28, 1984, IEPA personnel collected water samples which revealed the presence of volatile organic Sample S101 yielded 66 ppb of 1,1,1-trichloroethane, contamination. 66 ppb trichloroethylene, and 6 ppb tetrachloroethylene. Two additional samples (S012, S501) detected similar results with less concentrations. Additional non-permitted activity at the seepage pit consisted of discharging waste oil into the pit. R.P. 3 claims this practice was discontinued as of August 1984. On April 15, 1986, during a site visit by IEPA personnel, a white liquid was observed entering the pit via cement pipe originating inside the plant. Phil Carnock, a R.P. 3 employee, identified the source as a non-hazardous slurry sludge from the deburring Between 1982-1984, R.P. 3 claims they began a clean-up of the pit, removing all the material and hauling it away. Some of the material went to a landfill, while a great amount of ash and contaminated sand and soil went across the street to fill a foundation under a new The clean-up was mostly completed before the Division of Water Pollution Control/IEPA became aware of the pit.

Based on the preceding water analysis of the seepage pit, IEPA felt the seepage pit should be treated as a hazardous waste disposal lagoon subject to RCRA regulations. But further investigation revealed the potential source was four 1,1,1-trichloroethane vapor degreasers (81040047) permitted by the Division of Air Pollution Control/IEPA. This permit allows R.P. 3 to emit 20 tons of vaporous 1,1,1-trichloroethane into the atmosphere. On November 16, 1984, R.P. 3 received a letter from IEPA stating that they were emitting 200 tons of 1,1,1-TCA into the air, 10 times the permitted level. R.P. 3 claims that the 1,1,1-TCA vapor when emitted into the atmosphere immediately condenses and falls into the roof in a liquid state. Then, through precipitation runoff, it is eventually washed into the seepage pit. Based on this theory, R.P. 3 argues that RCRA does not regulate non-containerized gases and roof precipitation runoff as hazardous waste.

Additional environmental concern is the impact the seepage pit is having on the groundwater. The seepage pit permit required R.P. 3 to install three shallow groundwater monitoring wells around the perimeter of A total of eleven organic volatiles were detected in the However, only five of these chemicals were reported on a recurring basis. The five volatiles include 1,1,1-trichloroethane (1,1-DCA),(TCA), 1.1-dichloroethane 1,1-dichloroethene (1.1-DCE), trichloroethylene (TCE), and tr-1,2-dichoroethene (1,2-DCE). Of these five, the most significant concentrations were detected as follows: December 10, 1985, 199 ppb of TCA was detected in well 2 and 452 ppb of TCE was detected in well 3. January 1, 1987, 200 ppb of TCA was detected in the plant's production well inside the plant. attached chemical analysis for additional information.

Based on the discovery of organic contamination in both the seepage pit and groundwater, the IEPA requested that R.P. 3 submit and implement a more extensive groundwater monitoring plan. This included the installation of eight additional shallow monitoring wells. In addition to the groundwater plan, R.P. 3 also submitted a roof storm water plan to minimize contaminants entering the seepage pit.

Including the four TCA degreasers, an additional potential source of the groundwater contamination includes a spill which occurred on February 5, 1986. Approximately 50 to 100 gallons of TCA was spilled on the roof during a filling operation of a storage tank. Phil Carnock, Plant Manager, reported to the IEPA that the TCA would eventually drain into the seepage pit and an open ditch on the west side of the plant. R.P. 3 also has an underground waste oil storage tank with concentrations of TCA ranging from 10 to 250 ppm.

The groundwater contamination at this site is a major concern because the City of Rockford relies on the underlying aquifers as the primary source of public drinking water. R.P. 3 is situated above an outwash filled bedrock valley in a highly permeable soil. The glacial outwash consists principally of sand and gravel deposits which serve as a major aquifer. Beneath this aquifer underlies the Galena-Platteville Dolomite, followed by the Glenwood and St. Peter Sandstones, all of the Ordovician system. Each of these members are hydraulically interconnected and serve as regional or local aquifers. Therefore, any groundwater contamination at this site presents a substantial threat to the public water supply of Rockford.

On April 1, 1988, an off-site reconnaissance inspection was conducted to inspect site security, accessibility, the surrounding habitat, and to update site conditions and operational status. The site appeared to be operational at the time of the inspection. Plant security consists of a well-constructed fence around the perimeter of the property, a guard house, and a security vehicle. The seepage pit was visible from the property boundary and appeared to contain a liquid which resembled water. The abandoned landfill was south of the pit and was not as readily visible. The Rock River is about one mile east, and the area surrounding the site is heavily industrialized with small residential areas. The site has currently applied for closure under interim status.

R.P. 3 has been assigned a high priority for a site inspection. This decision is based on the high HRS score, which is a result of the large population affected should the primary source of public drinking water be contaminated.

JWM:tk:4/29/17-2

Attachment